

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2005/050044

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61M15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 740 794 A (SMITH ET AL) 21 April 1998 (1998-04-21) cited in the application column 21, line 39 - column 24, line 55	1
A	figures 21-29	2-32
X	US 6 029 661 A (WHALEY ET AL) 29 February 2000 (2000-02-29) column 22, line 30 - column 29, line 17	1
A	figures 27-35	2-32
X	DE 42 27 899 A1 (ING. ERICH PFEIFFER GMBH & CO KG, 78315 RADOLFSZELL, DE) 24 February 1994 (1994-02-24) column 17, line 17 - column 19, line 20 figures 10-16 column 12, lines 21-25	1-23
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 June 2005

Date of mailing of the international search report

23/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Azaizia, M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2005/050044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 92/04068 A (BOEHRINGER INGELHEIM INTERNATIONAL GMBH; BOEHRINGER INGELHEIM KG) 19 March 1992 (1992-03-19) page 19 - page 25 figures 14,15</p> <p>-----</p>	1-32

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2005/050044

## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 33-37  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy (see Claims 33-35 and 37).  
Rule 6.2(a) PCT - Claims contain references to the description and/or drawings, although not absolutely necessary (see Claims 36 and 37).
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 33-37

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy (see Claims 33-35 and 37).

Rule 6.2(a) PCT - Claims contain references to the description and/or drawings, although not absolutely necessary (see Claims 36 and 37).

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/050044

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5740794	A	21-04-1998	US 5785049 A	28-07-1998
			AU 697676 B2	15-10-1998
			AU 3553295 A	09-04-1996
			BR 9508964 A	02-06-1998
			CA 2200727 A1	28-03-1996
			CN 1160358 A , C	24-09-1997
			CN 1494951 A	12-05-2004
			CZ 9700723 A3	12-11-1997
			EP 0846009 A1	10-06-1998
			FI 971173 A	20-03-1997
			HU 77691 A2	28-07-1998
			IL 115369 A	29-06-2000
			IL 126325 A	30-04-2001
			JP 10508790 T	02-09-1998
			NO 971316 A	20-05-1997
			NZ 293163 A	24-09-1998
			NZ 331353 A	29-07-1999
			PL 319505 A1	18-08-1997
			PL 188625 B1	31-03-2005
			RU 2146153 C1	10-03-2000
			US 6089228 A	18-07-2000
			WO 9609085 A1	28-03-1996
			US 2003183229 A1	02-10-2003
			US 6543448 B1	08-04-2003
			US 2002127188 A1	12-09-2002
			US 2002117170 A1	29-08-2002
			US 2003086877 A1	08-05-2003
			US 2003198601 A1	23-10-2003
			US 2003129141 A1	10-07-2003
			US 2003185765 A1	02-10-2003
			US 6509006 B1	21-01-2003
			US 6372258 B1	16-04-2002
			US 6673335 B1	06-01-2004
			ZA 9507933 A	02-08-1996
US 6029661	A	29-02-2000	AU 5595694 A	08-06-1994
			DE 69331635 D1	04-04-2002
			DE 69331635 T2	31-10-2002
			EP 0668787 A1	30-08-1995
			EP 0893135 A1	27-01-1999
			MX 9307043 A1	31-05-1994
			NO 951880 A	11-07-1995
			WO 9411044 A2	26-05-1994
			US 6119688 A	19-09-2000
			ZA 9308365 A	09-05-1995
			AU 2513092 A	16-03-1993
			BR 9206429 A	24-10-1995
			CA 2114726 A1	04-03-1993
			DE 69230179 D1	25-11-1999
			DE 69230179 T2	31-08-2000
			DE 69233258 D1	08-01-2004
			DE 69233258 T2	19-05-2004
			DK 601071 T3	03-04-2000
			EP 0601071 A1	15-06-1994
			EP 0826386 A2	04-03-1998
			ES 2137194 T3	16-12-1999
			JP 6509958 T	10-11-1994
			MX 9204925 A1	01-02-1993

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/050044

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6029661	A	WO 9303785 A2	04-03-1993
		ZA 9206420 A	22-03-1993
DE 4227899	A1	24-02-1994	WO 9508399 A1
			AT 188892 T
			EP 0705140 A1
			ES 2144012 T3
			JP 3419778 B2
			JP 9502921 T
			US 5816504 A
WO 9204068	A	19-03-1992	DE 4027391 A1
			AT 116558 T
			AU 654499 B2
			AU 8339891 A
			CA 2090227 A1
			CZ 281264 B6
			CZ 9300278 A3
			DE 59104168 D1
			DK 549605 T3
			EE 3092 B1
			WO 9204068 A1
			WO 9303783 A1
			EP 0549605 A1
			ES 2066463 T3
			FI 930845 A
			GR 3015540 T3
			HU 66984 A2
			IE 913052 A1
			IL 99285 A
			JP 2505339 B2
			JP 6500242 T
			KR 179376 B1
			LT 3125 B
			LV 10398 A ,B
			NO 930707 A
			NZ 239530 A
			PL 166852 B1
			RU 2098144 C1
			SK 13193 A3
			US 5507281 A
			US 5617845 A
			ZA 9106741 A